

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Patent Application of:

Mitsuo SEKINE et al.

Application No.: 10/590,232

Confirmation No.: 6911

Filed: April 13, 2007

Art Unit: 1626

For: ELECTROCHEMICALLY ACTIVE LIGAND  
FOR SEQUENCE-SPECIFIC DETECTION  
OF DOUBLE-STRANDED NUCLEIC ACID  
MOLECULE

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Examiner: J. R. KOSACK

**SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.116**

**MS AF**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In reply to the Office Action issued April 7, 2010, and in view of the Advisory Action issued July 15, 2010, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 8.